

OREGON

TUALATIN

VALLEY

Feb. 1983

AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Oregon 97006

Meeting: Wednesday, February 16 at 7:00 pm.....
Coffee, juice and cookies at BREAK time.....

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	N7CRP	Trustee:	Bob Orr	KB7CC
			Trustee:	Dick Powers	WB7ADM

Editor: Al Berg WB7SIC Circulation: 250 Copy: Dennis Boyd KC7BE

WOWEE!!!! Quite a way to start a newsletter but if you attended our January meeting you would understand! First of all, our program by Storer Cable Co. did not make it. A nightmare situation in any case and especially so for our brand new President and his first meeting on the job. The second blow to serenity came when it was discovered that no mic had been provided for the podium. No ham in his right mind would attempt to converse without a mic. Especially with an audience of over 120 people. Fortunately, that problem was solved shortly after the gavel fell. Lastly, the good people at PGE, in spite of being called, forgot to make available our usual urn of coffee and the urn of punch! There we were with the usual complement of cookies. To the rescue came Paul, WB6SHR, our new Social Committee Chairman. A quick trip to McDonalds brought up a cooler full of punch and, as a result, the cookies went down much better. Our new Prez, Bert, made some very quick and wise decisions and the meeting turned out very well. The only oversight was a late break which resulted in some sore bottoms. What Bert did was take the opportunity to let all of our committee chairmen have a few words with the mic and to introduce the many people on their committees who have given so much of their time. All in all, it turned out just fine. HATS OFF to Bert and Paul..

Speaking of tipping of hats, Warren, N7BIJ, our outgoing treasurer, gave us an outstanding report of our 1982 monetary situation. He compared it with both 1981 AND 1980. When the membership saw the figures for the past year, as compared with prior finances, there was a room full of 'whews'. A large part of the 'whews' can be attributed to the expense and income of the 1982 convention. Nevertheless, a great deal of 'green stamps' have been well handled by Warren and if you are at all interested, please note that Warren has served and dedicated himself to over THREE YEARS as OTVARC Treasurer. A standing ovation should be in order.....

We told you so! Several times in the last few months, mention has been made as to how important it is to let our advertising dealers know when you, an OTVARC member, trades in said dealers store. Well, we just lost TWO advertisers and it was only because both dealers said they never saw or heard from any members for the entire past year. Now, I KNOW that a few members have traded both at St Helens Electronics and Cascade Surplus. Especially at Cascade—BUT—! I am not spending any more personal time trying to scrounge up advertisers. Good old 'Somebody Else' can do it. We definitely need the \$150.00 in revenue!! Anyone up to the challenge?????

SPECIAL EVENT FEB. 13



BIG GUNS TO SALUTE VALENTINE'S DAY

The OTVARC salute to Valentine's Day and the 124th birthday of Oregon will be held on Sunday, February 13, 1983, from 9:00am to 6:00pm (local time). KA7CTP will be operating from three locations to celebrate the special event. Al Berg, WB7SIC, Fran and Cary Haag, KA7KIS and KA7KDB, and Marty McKillip, KA7CTP, will open their homes and stations to the members of OTVARC for the special event. Make your plans now to join them for the fun.

The excitement and fun this event gene-

rates must be experienced to be believed!! It's especially nice to be on the other end of the pileup! Novices and technicians are welcome to experience operating H.F. Phone, as Marty will be the control operator.

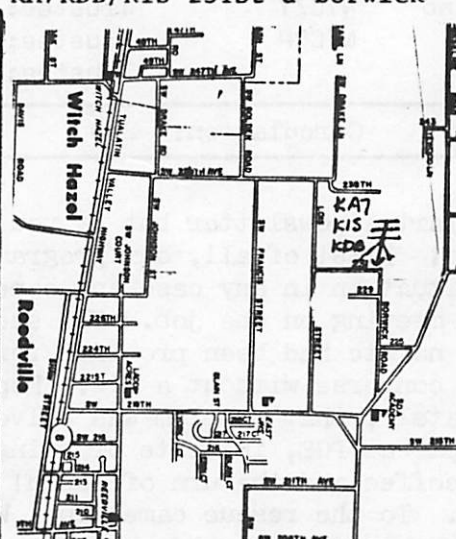
Thanks to Carl, KA7GHR, we have one of the nicest certificates around; any ham would be proud to hang one in their shack. If you would like a certificate, work KA7CTP and send your QSL, and a green stamp (\$1) to Marty McKillip, 1175 N.W. 128th, Portland, Oregon, 97229. All proceeds go to OTVARC. Look for KA7CTP 10KHz up from bottom of General Phone bands on 10 thru 80 and on 147.52MHz.

Follow these maps to the SPECIAL EVENT STATION of your choice...Talk in 147.52 Sunday February 13th 9:00am to 6:00pm. Please drop by.

KA7CTP 128th & Filbert

KA7KDB/KIS 231st & Borwick

WB7SIC 2256 SE Oakcrest Dr



This "SPECIAL EVENT" is publicized in the February issue of QST. See page 77.....

"RUSTY KEY" CONTEST NEWS

Oct. 21, '82 scores,
Station • Points

WB7VWX/WB7SIC	128
N7CDI	102
WA7CZA	100
N7CME	94
K07B	92
N7CRP	84
KC7U	74
WB7BBG	64
KI7F	64
K7VDQ	64
KA7FDT	54
KA7HJT	44
K7JF	40
KA7MDC	40
WB7TIJ/N7ACO	36

NOVICE DOES IT!!!

Jon Berg, WB7VWX, won the October RUSTY KEY with some very capable help from his elmer, WB7SIC. This proves that a novice can do it and we hope it will encourage others to try next time! Runner up was Doug Bull, N7CDI. Honorable mention goes to John Haide, WA7CZA, who met ALL of his R.K. contacts. NICE GOING GUYS!

JANUARY RUSTY KEY NIGHT A SUCCESS

Best turnout yet?? RUSTY KEY NITE continues to grow in popularity. This time we invited several other clubs to join us, and lots of unfamiliar calls were heard. Turnout from our own club was EXCELLENT! Lots of hams work hard to put on our R.K. contests, but we would especially like to thank AL7W, N7CPA, KC7YN, W7JXU, KC7T, W7NI, and W7PNS. All helped publicize RUSTY KEY NITE outside OTVARC.

Winners will be announced and prizes awarded at February 16th OTVARC meeting. See you there.

73 de KA7CTP, N7ACO, N7CME, KA7GHR, KI7F, KQ7I, and N7CRP

OREGON STATE HAM CONVENTION

June 3-4-5, 1983 • Seaside, Oregon

BANQUET SPEAKER

(Back by Popular Demand)

Mr. Richard Underwood

NASA - Houston
"U.S. SPACE SHUTTLE PROGRAM"
— Narrated Slide Program —

BANQUET MC

The Honorable Judge Greg Milnes W7AGQ

Registration

REGISTRATIONS POSTMARKED BY April 15, 1983 will receive a *special* ticket on drawing for your choice of: ICOM 2 AT, 3 AT or 4 AT *plus* an extra ticket for the main prize drawing.

REGISTRATIONS POSTMARKED FROM APRIL 16, 1983 to May 15, 1983 will receive one *extra* ticket for the main prize drawing.

PRE-REGISTRATION CONFIRMATION CARDS WILL BE MAILED ON RECEIPT OF PAYMENT.

**Registration
at the Door**

Single - 7.00 Couples - 9.00
Teens (with parents) - 2.00
Under 12 - FREE

Pre-Register & Save!!!

MAIN DRAWING PRIZES

(Need not be present)

ICOM 730
Heath WX Station
Kenwood 7930
Yaesu FT 30R
YL-XYL - Microwave
"Special Banquet Prize"

EXHIBITS

Dealers and Manufacturers
Computers
Clubs
Badges - Caps - Shirts
Flea Market
Many more TBA

Bunny Hunt (nice prize)
ARRL Forum
W7JWJ Code Booth
Kids Kartoons - Daily
Kids Krayon Korner
YL-XYL Treasure Hunt
FCC Testing (if possible)
Call Portland Office for info

SPECIAL DRAWING

for early registration

ICOM 2 AT, 3 AT, 4 AT
(Your Choice)

Talk-in 146.52 (Simplex)
Repeater 145.45 (-600)

OREGON STATE HAM CONVENTION

P.O. Box 920
Seaside, Oregon 97138



June 3-4-5, 1983

REG. NR. _____
(off. use only)

NAME _____ CALL _____ DATE _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

SINGLE REG. _____ \$5.00

COUPLES _____ \$7.00

TEENS _____ \$2.00 each
(with parents)

12 and under - FREE

BANQUET \$13.50 per person

DINNER: SALMON _____ PRIME RIB _____
Please Put Number and Choice

FLEA MARKET _____ \$5.00 per table/per day
(\$8.00 for 2 days)

PLEASE MAKE ALL CHECKS PAYABLE TO: OREGON STATE HAM CONVENTION

COME TO THE BEACH AND HAVE A GREAT TIME FOR THE WHOLE FAMILY. SEE YOU THERE!

ADDITIONAL INFORMATION NEEDED—Call 1-503-640-5456 or 1-503-738-6461 (evenings)

FOR MOTEL RESERVATIONS—OREGON - (toll free) Call 1-800-452-6740 / OTHERS - Call 1-503-738-8585

Convention Schedule...

Friday June 3, 1983

Exhibits	4:00 to 9:00 p.m.
Registration	4:00 to 9:00 p.m.
Seminars	7:00 to 9:00 p.m.
Ladies Treasure Hunt	4:00 to 6:00 a.m.

Saturday June 4, 1983

ADDITIONAL INFORMATION NEEDED:

CALL 1-503-640-5456

or 1-503-738-6461

(evenings)

FOR MOTEL RESERVATIONS AND-OR BABYSITTING:

OREGON (toll free):

CALL 1-800-452-6740

OTHERS:

CALL 1-503-738-8585

Registration open	8:00 a.m. to 7:00 p.m.
Exhibits	8:00 a.m. to 5:00 p.m.
Flea Markets	8:00 a.m. to 5:00 p.m.
Snack Bar	All Day
Kids Kartoons & Krayons	9:00 a.m. to 5:00 p.m.
Seminars	9:00 a.m. to 5:00 p.m.
Council of Clubs	12:00 p.m. to 1:00 p.m.
Bunny Hunt	12:00 to ???
ARRL Forum	3:30 p.m. to 5:00 p.m.
Cocktail Hour	6:00 p.m. to 7:00 p.m.
Banquet	7:00 p.m. to 9:30 p.m.
Ladies Treasure Hunt	All Day
FCC Testing - If Possible	?? a.m. to ??
(Call the Portland office at 221-3097 for info)	

Sunday June 5, 1983



THIS IS AN
ARRL SANCTIONED
CONVENTION

Exhibits	8:00 a.m. til close
Registration	8:00 a.m. to 12:00 p.m.
Snack Bar	'til Closing
Kids Kartoons & Krayons	9:00 a.m. to 12:00 a.m.
Seminars	9:00 a.m. to 12:00 a.m.
NASA Film	TBA
Prize Drawings	12:30 p.m. to 1:30 p.m.
Convention Closes	2:00 p.m.

The **OREGON TUALATIN VALLEY AMATEUR RADIO CLUB** and the **NORTHCOAST REPEATER ASSOCIATION** welcome you, our fellow amateurs, to join us in Seaside for the **OREGON STATE CONVENTION**. It is our wish that you and yours may enjoy yourselves to the fullest and be a part in making this event the success we intend it to be. We look forward to seeing you in Seaside.

Note: The convention sponsors reserve the right to alter the "convention schedule".

Note: All registrants, including convention sponsors, are eligible for prize drawings and/or contest awards.

OREGON STATE HAM CONVENTION

P.O. Box 920

Seaside, Oregon 97138

Women In Amateur Radio

They Bring Their Own Dimension To The Hobby

There are some 400,000 licensed Amateur Radio operators in the United States today. Most of them — the great majority, in fact — are men. Fewer than one out of every 10 amateur operators are women.

Once a rarity, women are still a minority in the ranks of Amateur Radio. Men have dominated the hobby from its infancy in the early 1920s, not only in numbers, but also in shaping its future. Part of the reason can be attributed to the technical foundation on which the Amateur Radio Service is built.

Early amateurs were experimenters, innovators — not so much by choice as by circumstance. They had to build their own equipment because none existed. And going wireless required some basic technical know-how, something that most women were not prepared for or apt to readily acquire.

The few independent women who disregarded the social mores of their day and dared to brave the new communications frontier have generally gone unnoticed in history, having been overshadowed by the Marconis, the Edisons and the Alexander Graham Bells. And if some early information on radio

amateurs in the U.S. is believed, there were no women in Amateur Radio before 1946, despite accounts to the contrary.

In recent years, however, developments in Amateur Radio have opened some doors for women, enabling them to make inroads into a hobby that traditionally has been a man's domain.

While the ratio of men to women in Amateur Radio remains terribly disproportionate, significant changes have been taking place. Since 1961, for example, the number of women getting into the hobby each year has steadily risen, while the percentage of men has appeared to have leveled off. According to a recent survey, 14 per cent of the newcomers to Amateur Radio since 1978 were women, which is more than triple the rate in 1961.

In that same survey, which was completed in 1980 by the Institute for Social Research at Florida State University in Tallahassee, it was found that while a vast majority of women amateurs said that relatives — such as husbands who were already licensed — were important influences in their decision to get a license, they came into the hobby with their own ideas of what being an amateur meant.

Although women amateurs are generally less active than men, they do spend more time on emergency communications and developing operating skills than their male counterparts who devote more time to experimenting and building and repairing equipment.

As much as technology may have been a nemesis for women in the past, today's technology may be helping women get into Amateur Radio. Equipment is compact, readily accessible and easier to use, all of which lend themselves to successful operation for the inexperienced operator. And while women amateurs as a whole haven't yet given up their spatulas for soldering irons, a great many more of them are getting involved in the technical aspects of the hobby than ever before.

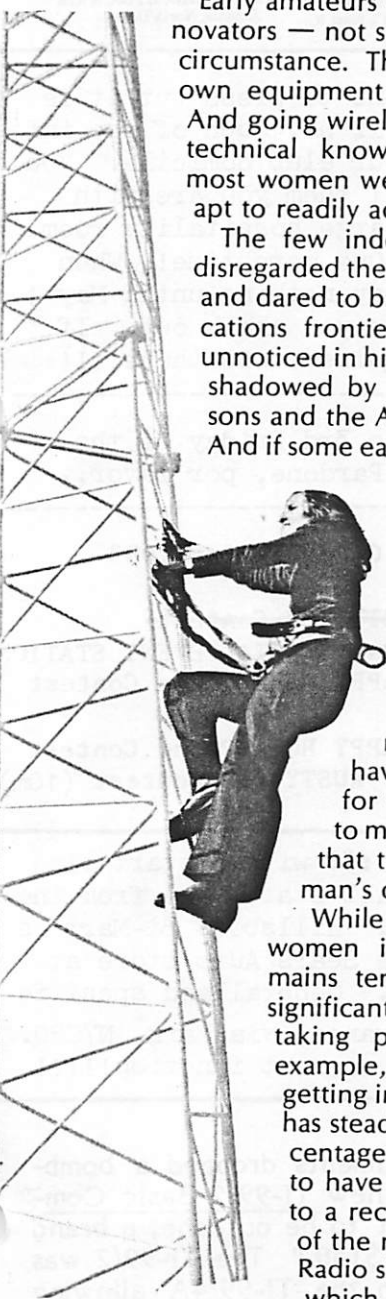
Organization has also been a boon to the woman amateur. Of particular importance is the Young Ladies Radio League, a national organization for women amateurs. What began as a social club in 1939 has over the years become a viable force in Amateur Radio that is recognized internationally. Aside from being a forum for women amateurs, the YLRL sponsors many worthwhile programs, such as scholarships for women pursuing careers in electronics-related fields.

But it is the local radio club and not a national organization where the views of the woman amateur are most often heard. According to the survey, women are more likely than men to regularly attend local, general-interest club meetings, where they are also more apt to express their opinions on Amateur Radio matters. For most of the women amateurs who were surveyed, the club was also a place they went for help when getting started in the hobby.

What impact women will have on the hobby is a matter for continual discussion. But there is little doubt that Amateur Radio is an integral part of their personal lives. What may have started for some as a way to share a part of a spouse's life or as a diversion from a career for others has developed into an exciting opportunity for women to learn new skills, meet new friends and be of service to their community. On that, all radio amateurs will agree.

CLUB JACKETS

Haven't had a push on jackets for quite a long while now. You might give it a bit of thought. Nice to see lots of walking ads. Proud of your club? Show it!!! Call Warren at 644-0752 or do it at a meeting. 'NO PAY' till delivery.....





--- CONVENTION ---

A large number of exhibitors have been confirmed and the seminars are well on the way to being all planned. We are fairly certain that Larry Price, a Vice Pres. of the ARRL, will be with us in Seaside. Not quite sure what Larry's area of expertise is but will find out soon. As of this writing, the registration forms have not gone to press but it is hoped that they will be available for insertion in this letter. If so, much of the info will be seen there. Once again, the LANDMARK MOTOR INN will be our club domicile. You can make your reservations by calling 738-9581 and be sure to tell them you are with OTVARC. If we book the entire motel we will once again get the large hospitality room. Which, by the way, will be operated much differently this year. One more time! When you reserve your room, it must be for two nights and, also, you pay nothing until May 1 and then only one nights fee. The second night is to be paid when you check out. If something comes up and you have to cancel, 48 hours notice is required. CU there!!!!

BOO-BOO: In last months letter it was stated that PARC met on the 3rd Friday of the month when it actually meets on the FOURTH FRIDAY OF THE MONTH. Pardone, por favor..

COMING EVENTS

ARRG Fleamarket	Feb. 26-27
Salem Hamfair	Mch. 5-6
Clark County	May 7-8
Ore. State Conv.	June 3-4-5
Spokane ARRL	July 8-9-10
Eugene Hamfair	July 16-17
Tacoma Hamfair	Aug. 13-14

BUNNY HUNT SCHEDULE

Feb. 19-Beginner-----Beaverton Mall
 Mch. 5--Advanced-----Hillsboro Bi-Mart
 Mch. 19-Intermediate-W. Sq. Sears Auto

class rules are available at the hunt starting point or, in advance, via Mark, N7CRQ. Take a couple of hours off from your Saturday chores and enjoy a great function!!!!

Code test weeds out the unwilling

I recently received my copy of the November issue of Worldradio, and I would like to add my 2 cents worth to the great code debate.

One prolific editorial writer known to us all has long been espousing the peculiar thesis that if we only eliminated the 5 wpm code requirements we would get an enormous influx of young amateurs from the ranks of idle dropouts and hubcap thieves who would, through Amateur Radio, become electronics technicians and put the United States back into the lead in the race with Japan. Let's face it: Japan has pulled into the world lead because of good business management, a comprehensive national development plan which makes quality control a matter of patriotism, and the lack of a large armaments industry to divert the best engineers away from work in mundane consumer goods. A no-code ham license will not change this.

Why all the fuss over 5 wpm? A person of average intelligence can learn 5 wpm in about three hours divided up into 15 minute daily sessions. Speaking to fellow amateurs, I would compare the code requirement to the system used by a college professor of my acquaintance. He always used the first class session to harangue his students about how difficult the class was and how strict he was. The weak of heart transferred to another class, but

those who remained found his class to be no more difficult than any other and found him to be affable and easygoing. His purpose was simply to weed out those who are not willing to face a challenge. Those who attack the challenge find that it is no barrier after all.

Now I ask you: Are we really going to find the bright engineers capable of putting the United States back into the lead of world electronics in people who are not willing to face the challenge of learning code? No. The challenge of electrical engineering is far more imposing than the challenge of 5 wpm. Whoever cringes from the latter will never master the former.

What harm would a no-code license do? There is not much CW emergency traffic on VHF and UHF. The problem is that it is a foot in the door. It will produce a large number of hams who, never having learned the code, will lobby ever more vigorously for a no-code HF license. And if they got their way would then lobby for more incursion of phone bands into the CW bands. This is exactly what some single-minded people would like, including the editorial writer mentioned above.

The great thing about CW is that in this day of crowded phone bands, you can almost always find elbow room for a QSO in the code bands. And you don't need a

TH6DX with a kilowatt to hold a frequency for a leisurely chat.

Even the 20 wpm for the Extra is no real obstacle for anyone who regularly uses the code. It always amuses me when a ham tells me he is afraid of the 20 wpm test, and all the while he is copying my 20 wpm without difficulty. This brings me back to my original point: The code is not weed out the incompetent or stupid or the anti-social; the code weeds out those who are not willing to make an effort against an apparent obstacle.

There should be a no-code license for UHF digital experimentation, but it should not be a ham license. There is plenty of spectrum space up there for lots of wide-bandwidth channels for high speed digital work. But if you want a new UHF digital band to be used, you had better not have a written test for it. Anyone unwilling to spend two or three hours to learn the code will never spend the tens or hundreds of hours necessary to learn digital electronics and radio theory.

On the ham bands, above 144 MHz, there should be a more liberal policy for allowing the use of digital computer codes, such as machine language, at speeds consistent with narrow bandwidth. That would do much more to further digital experimentation than a no-code license would.

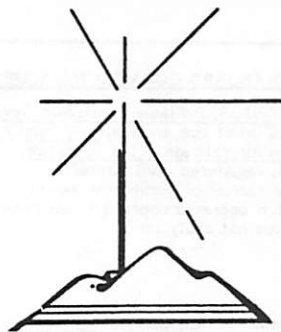
DAN SCHECHTER, AK8S
 Ardenia, North Dakota

O.T.V.A.R.C. CONTEST CALENDAR for 1983

~~January 20th - 15 Meter RUSTY KEY Contest~~
 February 13th - Valentines Day SPECIAL EVENT STATIONS
 May 20th - Two Meter HAPPY HOUR Phone Contest
 June 24, 25, 26 - FIELD DAY
 August 19th - Two Meter HAPPY HOUR Phone Contest
 October 20th - Third Annual RUSTY KEY Contest (10m)

Assembly time is 1:30 with a start time of 2:00. Bvtn. Mall starts are from the Norths Chuckwagon. Hillsboro Bi-Mart is obvious, as is the Sears Auto store at Washington Square. General and specific

NEW LOW-PRICED HOME COMPUTERS COMING! Texas Instruments dropped a bombshell at recent Las Vegas Consumer Electronics Show by introducing a new TI-99/2 Basic Computer that will sell for \$99.95 and compete with the Sinclair-1000. Not to be outdone, a brand new Sinclair-2000 was shown that will sell for less than \$200 - "maybe \$150." The TI-99/2 was developed in less than 4 months and will be software compatible with the TI-99/4A allowing upgrading without losing your software investment! The Sinclair-2000 has typewriter keys, a larger memory, graphic capabilities and color! The \$200 low end standard now (apparently) drops to \$100! W5YI



"ARRG" Amateur Radio Relay Group, Inc.

Operating the 147.32 and 146.64 MHz Repeaters

FLEA MARKET

Feb. 26~27, 1983

6255 N.E. Cornfoot Road

Oregon National Guard Armory

Next to Portland Air Base

"100 Tables of Flea Market Goodies"

**20 to 25 Tables — Fresh Assortment of Surplus Electronic Gear
— Never Shown on Surplus Market**

**Tubes, Meter, Power Supplies, TV Consoles, TV Monitors,
Tons of Miscellaneous Parts**

OPEN: Saturday, 9am to 5pm & Sunday, 10am to 4pm

Admission 50¢ per person per day

Table Rental 4' x 8'...\$6.00 for 2 days

Set up, Saturday 5am to 9am Cleanup & Break Down, 4 to 6pm Sunday



- REFRESHMENTS
- AUCTION
- DEALER EXHIBITS
- RAFFLES

ICOM 2AT, 3AT or 4AT (Your Choice)

TALK-IN 146.64 MHz Repeater

Parking for 600 cars

**For Table Reservations or More Info. Call: DICK POWERS WB7ADM
221-6520 Bus. 655-6498 Res.**

"UPDATED LIST OF HOME STUDY COURSES"

H2200: Creative Suffering. H2201: Overcoming Peace of Mind. H2202: Ego Gratification Through Violence. H2203: Molding Your Childs Behaviour Through Guilt and Fear. H2204: Whine Your Way to Alienation. H2205: I Made \$100.00 in Real Estate. H2206: Packaging and Sales of Your Children. H2207: Career Opportunities in El Salvador. H2208: How to Profit From Your Body. H2209: The Underachievers Guide to Very Small Business Opportunities. H2210: Tax Shelters for the Indigent. H2211: Looters Guide to American Cities. H2212: How to Convert Your Family Room into a Garage. H2213: Burglar Proof Your Home With Concrete. H2214: Creative Tooth Decay. H2215: The Joys of Hypochondria. H2215: Biofeedback and How to Stop it. H2216: Skate Yourself to Regularity. H2217: Self Gratification Through Macrama. H2218: Gifts For the Senile. H2219: Needlecraft For Retired Pushers. H2220: Cultivating Viruses in Your Refrigerator. H2221: Sinus Draining at Home. H2222: Basic Kitchen Taxidermy. H2223: How to Commit Suicide in a Safe Manner. H2224: Maintaining Christianity While Operating DX. (also available in net form). H2225: The Insomniacs Guide to Contesting. H2226: Technicians Role in DXCC. (more to come as we get the updates)

"LARGE METEOR SMASHES VHF BANDS"

The two meter band from 144.0 to 144.09 mhz will be out of service for over a month due to meteor damage. This is according to a report issued by the FCC last week. According to the report, a very large meteor entered the earths atmosphere about ten days ago, smashing through the VHF region and ripped a jagged hole in the frequencies extending from 141.79 to 144.09. The force of the meteor was so powerful that some mhz fragments were scattered from 107 to 186 mhz up and down the band disrupting most commercial FM, police, aircraft, weather and amateur communications for up to five hours or more. In the main impact area, no communications will be possible until repairs are made. FCC spokesman, Ralph Spiffeo, said that it could take up to two months to clean up and patch the damaged section. Until the frequencies are fixed, the FCC is asking all operators to stay at least 50 mhz away, both above and below, the disrupted area.
FCC BULLETIN #B59973881

OPERATING AMATEUR RADIO ABOARD COMMERCIAL SCHEDULED AIRLINES

"FEDERAL AIR REGULATIONS - PART 91.19, Portable Electronic Devices"

- (a) Except as provided in paragraph (b) of this section, no person may operate, nor may any operator or pilot in command of an aircraft allow the operation of, any portable electronic device on any of the following U.S. registered civil aircraft:
- (1.) Aircraft operated by an air carrier or commercial operator; or...
 - (2.) Any other aircraft while it is operated under IFR (Instruments).
- (b) Paragraph (a) of this section does not apply to:
- (1.) Portable voice recorders;
 - (2.) Hearing aids;
 - (3.) Heart Pacemakers;
 - (4.) Electric Shavers; or
 - (5.) Any other portable electronic device that the operator of the aircraft (Ed. Note: The operator is NOT the pilot, instead referring to the airline itself) has determined will not cause interference with the navigation or communication system of the aircraft on which it is to be used.
- (c) In the case of any aircraft operated by an air carrier or commercial operator, the determination required by paragraph (b)(5) of this section shall be made by the air carrier or commercial operator of the aircraft on which the particular device is to be used. In the case of other aircraft, the determination may be made by the pilot in command or other operator of the aircraft."

To the amateur radio operator with a portable radio transceiver desiring to use it from an aircraft, what this obviously means is:

- (1.) Aboard a commercial flight (UAL, AA, EAL, etc.,) you may NOT operate unless the airline has tested your rig, found it will not interfere with the aircraft systems, and issues permission to operate. The pilot does NOT have such authority and can be subjected to disciplinary action if he (or other crewmember) allows such use.

- (2.) Aboard a general aviation aircraft, except in IFR (Instrument Flight Rules) conditions, the pilot MAY determine that you can operate your rig when not engaged in commercial flight. W5YI

A RECIPE FOR THE LADIES

'MONSTER COOKIES'

(tested & proven)

- | | |
|--------------------|------------------------|
| 1 dozen eggs | 1# M&Ms |
| 2# brown sugar | 18 cups oatmeal |
| 1# real butter | 1 tbsp vanilla |
| 4 cups white sugar | 3# crunchy pnt. butter |
| 8 tpsps soda | 1# butterscotch chips |

Mix in a large bowl and bake at 350 degrees for 12-14 minutes. They freeze very well.

Courtesy of Elise Walker, KA7KKZ.

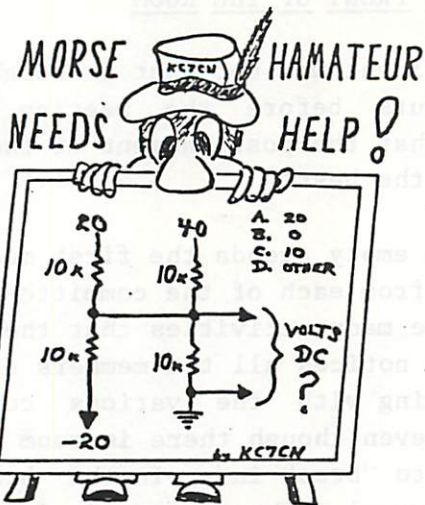
TRUE CONFESSIONS

About two weeks ago, since the HF rig hadn't been warmed up for awhile, I sat down and turned it on to the novice portion of 40 meters. I listened around and hearing no one calling I sent out a CQ or two. A Kansas station responded so we began our QSO. Mike, in Kansas, was telling me about his station when a local ham started sending CQ right on top of him. It was instant angry for me but I was sure that when I went back to Mike the local lid would QSY. NOT SO! I sent our local boy several QRLs to give him the not so subtle hint the frequency was in use. Mike and I decided it was hopeless so we both cleared. I had copied the local lids call so I could write him a very scathing letter about proper operating procedures and common courtesy. Being the worlds greatest procrastinator and also cooling off somewhat, I decided if I worded it nicely it would stand a better chance of being read. The longer I waited the more I thought better to leave well enough alone.

Last night I again sat down and tuned around. Finding no one sending CQ I selected a frequency, sent out a QRL and getting no response, dropped a few CQs. As soon as the K was out, a station started sending CQs on the same frequency. Guess who! It was my local lid. I did comprehend that he was trying to get back to me but didn't know how. I responded with his call, then mine, and waited. He asked me to please send slower because this was his first contact. I slowed down to about 3wpm and exchanged the basic information. He gave me his phone number so we continued our QSO by landline. It turned out that he has been a licensed ham about 4 years and had never been on the air. We had a nice chat and made a tentative appointment to make up a guide for him to use while operating. I invited him to our club too.

I guess the moral to the story is patience and understanding will make our hobby much more enjoyable than angry response.

Randy, KA7HJT



Answer on back page

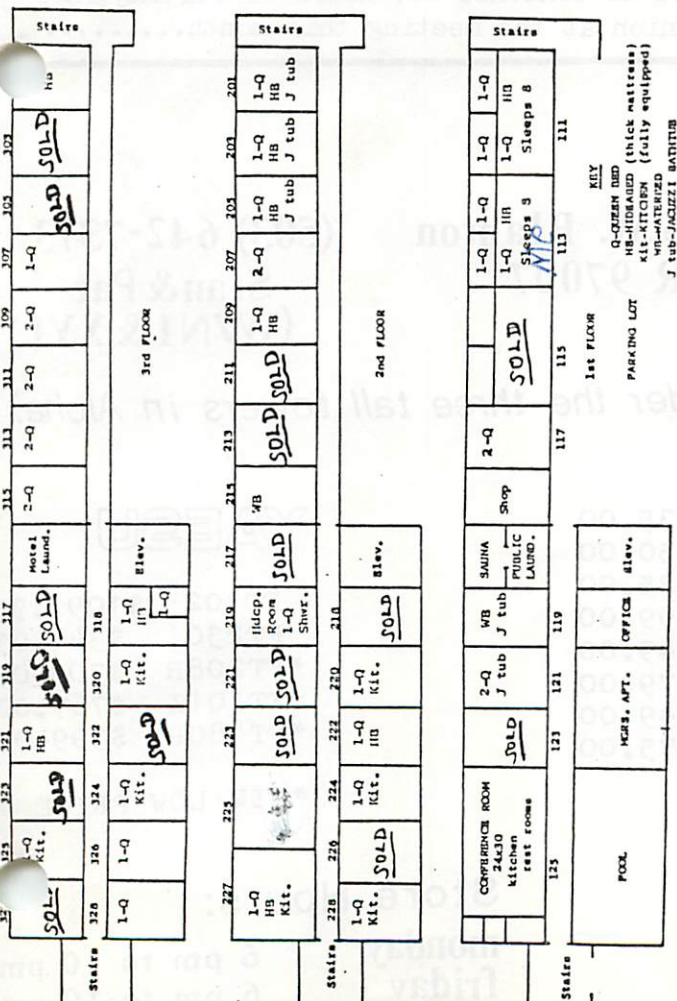
Vol. Exam Groundwork

In anticipation of the need for several pools of amateur licensing exam questions for the eventual Volunteer Examining Program, ARRL headquarters staff are now preparing banks of at least 500 questions for each written exam element (elements 3, 4A and 4B). Whatever form the program finally takes, exam questions will be needed "in a hurry" for the FCC to review, approve and publish. Though the questions now being prepared are in no way officially approved, they are being written, screened and edited by both technical experts and educators with experience in writing multiple choice exams. Based on the current FCC Study Guides, these banks of questions will be ready to submit to the FCC as soon as the program "hits the fan," and this aspect of Volunteer Examining will not delay implementation of the program.

Courtesy ARRL

CONVENTION motel

It is hoped that the membership will find this layout of use. The benefit of booking the motel is that by doing so we get the use of the conference room at no charge. If we have FCC testing, that will be the location. Other uses are planned as well so if you wish to be close to the action, please register ASAP. They will go fast.....



LANDMARK MOTOR INN

441 2ND AVENUE
SEASIDE, OREGON 97138

ROOMS AVAILABLE

ROOMS AVAILABLE	PRICE SCHEDULE
14-----1 QUEEN BED-----	\$39.00
7-----1 QUEEN AND KITCHEN-----	\$44.00
1-----WATER BED-----	\$42.00
1-----WATER BED AND JACUZZI TUB-----	\$46.00
4-----1 QUEEN AND HIDEABED-----	\$49.00
8-----2 QUEEN BEDS-----	\$49.00
3-----1 QUEEN, HIDEABED AND JACUZZI-----	\$54.00
1-----2 QUEEN AND JACUZZI TUB-----	\$54.00
2-----1 QUEEN, HIDEABED AND KITCHEN-----	\$65.00
1-----2 QUEEN, HIDEABED-WITH BEDROOM-----	\$65.00
2-----1 QUEEN-HANDICAPPED ROOMS-----	\$39.00
3-----3 QUEEN, HIDEABED-2 BEDROOMS-----	\$85.00

AVAILABLE OPTIONS

SOME CONNECTING ROOMS	
ROLLAWAY-----	\$6.00
CRIBS-----	\$3.00

Note: All kitchens are fully equipped. Utensils, silver, pots and pans, toaster, coffee pot and dish soap are furnished.

RESERVATION REQUIREMENTS

To reserve your room, one nights deposit is asked. This may be in the form of cash or with VISA or MASTERCARD. If using a card, all that is needed is your name, address, card number and expiration date. This can be done direct to the motel. **IMPORTANT NOTE:** Your deposit is refundable by giving 48 hours notice of cancellation.

MOTEL FEATURES

The motel is RIGHT ACROSS THE STREET FROM THE SEASIDE CONVENTION CENTER. On the first floor, next to the office, there are vending machines. Cigarettes, candy, pop and free ice are available. In the office, free cups of coffee are offered as well as pots at a charge of \$1.00. HBO is in all rooms. The indoor pool features a Jacuzzi hot tub. Laundromat and sauna on first and third floors. Elevator, Kitchens, Direct dial phones and Sprinkler System.

WHY BOOK THE LANDMARK INN

CONVENIENCE: 1 block to restaurants. Two blocks from the arcades and shopping. Two blocks from the beach. 1 block to grocery stores.

HOSPITALITY ROOM: We have a large room to use for meetings, entertaining or for whatever purpose you may desire. The room has restrooms as well as a full kitchen. Varied seating arrangements are possible.

IF YOU WOULD LIKE TO BOOK THE LANDMARK MOTOR INN, DO IT SOON AS SEASIDE MOTELS GET CONVENTION AND SUMMER BOOKINGS AT A VERY EARLY DATE.

738-9581



VIEW FROM THE FRONT OF THE ROOM

My first meeting as president was not what I thought it was going to be only a few hours before the meeting started. However, hindsight tells me that the postponement of the program on Cable TV may have been for the best!

The sudden windfall of an empty agenda the first meeting of the year gave us time to hear from each of the committees. This gave me a better feel for the many activities that the club is involved in. How many of you noticed all the members other than your officers that are working with the various committees?

There are quite a few helping even though there is room for more help. The club will only get stronger as you decide to "break in". In the brief time between arriving home and leaving for the meeting, several members stepped forward and offered talents and resources on very short notice. With this kind of support for OTVARC we can't miss! No wonder we have such a good club! Thanks to all of you for your support. We'll have a great year. ---... ---, Bert

April meeting

We got aced out of our meeting room for the month of April. PGE lets groups reserve for a 3 month period and a day or so before we put our request in for month #3, somebody else got the reservation. We have two choices! Use the room on the SECOND Wednesday of the month (we have it reserved) or stay on schedule and use our old meeting room at Norths Chuckwagon in the Beaverton Mall. As newsletter editor, I am opting for Norths. Kind of hard to condense 20+ hours of editing into a minus 7 days! Voice YOUR opinion at the meeting this month.....

ANTRONICS

OF OREGON, INC.

18955 S.W. Blanton
Aloha, OR 97007

(503) 642-7373
Stan & Pat
(W7NI & XYL)

(Under the three tall towers in Aloha)

SAVE!! USED SPECIALS

Drake 2B rcvr, spkr, crys calib.....	\$135.00
Drake 2B rcvr, crys calib, 2BQ.....	150.00
Drake R4B receiver.....	225.00
Swan 350 trnxcvr, pwr sply.....	199.00
Swan 240 trnxcvr, AC&DC Supply.....	149.00
Hallicrafter HT44 transmitter.....	179.00
DX 160 receiver.....	49.00
FT101E, FV101B.....	575.00
#11 Stainless steel copperweld wire	
\$5.00 per 50 foot roll	

YAESU

FT102	\$1091.95
FT230	\$341.05
*FT208R	\$303.05
*FT101Z	\$767.00
*FT480R	\$399.00

*NEW LOW PRICE

AEA •

Moscow Muffler	\$149.95
BT-1 Basic Trainer	\$79.95
MBA-RC Rcv/Code Cnvt	\$469.95
CK-2 "Contester" Memory Keyer	\$129.95

Store Hours:

monday	6 pm to 10 pm
friday	6 pm to 10 pm
saturday	10 am to 6 pm



FOR SALE: 2m amplifier. 1 watt in-10 out. 12 volt source. It works good. \$40.00. Al, WB7SIC at 640-5456.

FOR SALE: Yaesu 101E with SSB-CW-AM filters. Remote VFO, speaker/patch, YC601 digital display, AC/DC power cords, with hand mic and manual. All in perfect cdx. \$600.00. Al, WB7SIC at 640-5456.

FOR SALE: Superex combo boom mic-one headphone. Legal for mobile use. Unused. \$30.00. Al, WB7SIC at 640-5456.

FOR SALE: EDDIE BAUER down sleeping bag. Never used. Good to -30. Waterproof nylon cover and stuff bag. Retail value is \$280.00. Sell for \$125.00. Al, 640-5456.

VISIT YOUR LOCAL RADIO STORE

Heathkit[®]

ELECTRONIC CENTER

Brian Hawkins
Manager

Heathkit Electronic Center
516 SE Chkalov Dr. #1
Vancouver, WA 98664
(206) 254-4441

Buy Right! Why Pay More?



Creative Computer & Electronics

'Kantronics'
Interface
IN STOCK

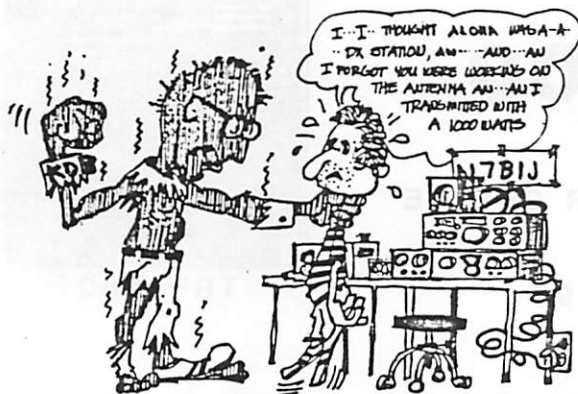
\$ 345.⁰⁰



TR-7950
2M, 45 WATTS,
21 CHAN. MEMORY.

Beaverton Mall
3275 S.W. Cedar Hills Blvd.
Beaverton, OR 97005

Ron Cooper - N6AIC
(503) 644-1160 Owner



* NORVAC ELECTRONICS *



ELECTRONICS

FOR LESS!!!

12905 S.W. Beaverdam Road
Beaverton, Oregon 97005

Telephone
(503) 644-1025

OREGON TOLL FREE NUMBER

1-800-452-5124



OREGON HAM SALES
OREGON'S NO. 1 NEW—USED
ELECTRONICS STORE

409 W. First in ALBANY 926-4591
2665 Crater Lk Hiway in MEDFORD

AEA—ALLIANCE—AMECO—ANTECK—ARRL—ASTRON—AVA—
B & W—BASH—BEARCAT—BENCHER—BIRD—CALLBOOK—
CUSHCRAFT—DIGI-MAX—DENTRON—DRAKE—HY-GAIN—HUSTLER—
ICOM—JIM-PAK—JANEL—KANTRONICS—KENWOOD—KLM—LUNAR—MFJ—
LARSEN—MIRAGE—NYE VIKING—ROBOT—ROHN—SST—SHURE—SPRAGUE—
TEN-TEC—VAN GORDON—WANZER—WALBURN MFG—YAESU

Jim Walburn—WB7TAZ

SALES * TRADE-INS * CONSIGNMENTS

* We Buy Complete Estates *

—Huge Surplus Inventory—

—Complete Service Department—

1234 S.W. STARK STREET, PORTLAND, OR. 97205 (503) 228-8647

BIG PERFORMANCE

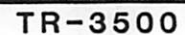


small size

SMALLER PRICE!

\$299.00

SALE PRICE YOUR CHOICE



ALSO...CUSTOM LEATHER CASES BY WB7SIC
CLUB MEMBERS SPECIAL...\$27.95 reg. \$34.95

QST...QST...QST...

CONGRATULATIONS TO ERIC KOCH LAST MONTHS WINNER OF THE ICOM 4AT

KA70AH

COMING **MARCH 5th... ICOM DAY** DON'T MISS IT!

GRAND PRIZE ICOM R-70 RECEIVER!

PLUS DISCOUNTS ON ALL NAME BRAND GEAR

Listen to W4KFC on 3 March

Attention all radio amateurs. You are invited to listen and talk to Vic Clark, W4KFC, president of ARRL, when he discusses "The Future of Amateur Radio" on the Teleconference Radio Net, Thursday, 3 March 1983, at 7:15 p.m. CST. This is your chance to hear about the future of Amateur Radio direct from the person who has played and will play a large part in making that future!

You can listen and talk with Vic via any of the repeater stations across the United States that participate in the net. Repeaters currently scheduled to participate include:

Phoenix, AZ	WB7AAC/R	147.36
Avon, CT	W1NI/R	224.78
Roswell, GA	N4CLA/R	145.47
Wichita, KS	WR0ABB	146.82
Minneapolis, MN	W0TN/R	146.64
Long Island, NY	WB2NHO/R	147.375
Beaverton, OR	W7LJN/R	147.32
San Antonio, TX	WB5FZA/R	146.70
Los Angeles, CA	W6VIO/R	224.04
Washington, DC	WD4IWG/R	147.21
Chicago, IL	W9SRO/R	147.15
Billerica, MA	WR1ABP	147.12
Cherry Hill, NJ	WB2NQV/R	147.375
Rochester, NY	WB2AQQ/R	145.11
Dallas, TX	K5JD/R	146.97
Madison, WI	WR9AVT	146.76

Plan your time around this one. It should be a real eye-opener for many of us. Sure hope that a few questions come from members.....

Also mark Thursday, 2 June 1983, 7:15 p.m. on your calendar. Joe Reisert, W1JR, will be the featured speaker on the Teleconference Radio Net. Joe is a nationally recognized expert on EME communications, antennas and TVI.

The Teleconference Radio Net uses the latest multipoint teleconferencing technology to tie together repeaters across the United States. The objective is to allow amateurs to listen and talk to leaders and experts from the Amateur Radio, scientific and electronics communities. Typically, more than 2,000 amateurs are tuned into the net. All participants have an opportunity to talk to the speaker for questions and discussion.

The net is organized by the Honeywell Amateur Radio Clubs of Minneapolis, Billerica and Phoenix as a service to all amateurs. For further information contact Rick Whiting, W0TN, National Net Manager, 4749 Diane Dr., Minnetonka, MN 55343 (office phone 612/870-2071). □

DID! CAN'T! WON'T! TRY!

DID is a word of achievement.

WON'T is a word of retreat.

MIGHT is a word of bereavement.

CAN'T is a word of defeat.

OUGHT is a word of duty.

CAN is a word of power.

WILL is a word of beauty.

TRY is a word for each hour.

'WELCOME TO CHAOS'

Washington

'Ham' plan offered

Compiled from wire service reports

WASHINGTON — Bracing itself for controversy, the Federal Communications Commission proposed Thursday to create a new type of amateur, or "ham," radio license that could be obtained without knowing Morse Code.

The mere discussion of the idea has provoked outrage among the amateur community in the past. But it was described by a top FCC official Thursday as a needed step to attract more young people into the amateur radio service.

"I certainly expect controversy, no question," said James C. McKinney, the chief of the FCC's private radio bureau. "We already know two-thirds or more of the licensed hams are opposed, because they see this as easing standards that they had to meet. But I feel very strongly that it's important today to encourage more young people into the service, and they perceive no value in the Morse Code."

Courtesy Oregonian

BUNNY HUNT RESULTS

1-8 Advanced

1-22 Intermed.

-W7XI

1-W7XI

2-KC7U

2-KC7U

3-K7WWR

Sob! Too many people don't know what they are missing. Join in-have FUN!!

FOR THE LADIES

LIVING WITH THE FAMILY HAM

From SMOKE TEST, Carolina ARS, via RALIEGH NC ARS

In many situations a ham marries a non-ham. Realizing that there is a scarcity of information available on how to cope as a non-ham in a ham world, I have compiled the following information dedicated to greater harmony in the lives of hams and their spouses.

1. Do learn the radio vocabulary:
 - PTT and CW are not real estate agencies.
 - XYL is not an abbreviation for xylophone
 - 73 and 88 are not just lock combinations.
 - DX is not just a brand of gasoline.
2. Remain calm while as many as 5 antennas are installed on the roof. Describing to a stranger that you live in the house with 5 antennas leaves less chance for misunderstanding than describing a house with blue shutters.
3. Don't panic until the utility room gets transformed into a ham shack.
4. Plan to serve meals at times that do not interfere with radio nets.
5. If possible, try to schedule the birth of children in midweek so as not to interfere with hamfests.
6. Don't get upset if your spouse cannot coordinate 2 articles of clothing in the closet, but he is able to spot a new transceiver in a store window across the street.
7. Don't get alarmed if the side is cut out of the broom closet to make way for a transceiver installation.
8. Even if they do just look like funny postcards to you, don't throw away QSL cards.
9. Do your homework. Have ready for curious friends and grocery bag boys, at a moments notice, clear and logical answers to the following questions:
 - a-What kind of CB is that?
 - b-Why do you have those funny license plates on your car?
 - c-Can you hear police calls on that?
 - d-How far can you talk to people?
 - e-Can you talk to my friend in Guatamala (or Peru or Liberia, etc.).
10. Learn to reassure the neighbors when they ask if being a MARS member means you report activities of the neighbors to the FBI.
11. If possible, study radio code and theory for your own license. Never, under any circumstances, comment that code sounds to you like a confused woodpecker.
12. Relax and enjoy the benefits of your spouse's hobby. It does, after all, keep him (her) home much more and is usually less dangerous than auto racing or scuba diving. ar ns



WELCOME TO OUR NEW MEMBERS

A hearty OTVARC welcome to the following people: Arnold Chase, WA7CRI--Tom Haggerty, KA7BGB--Lyle Nicholson, AB7A--Mike Sheelar, KA7KAV. Mike, by the way, is the son of Lowell, W7NDH, who has been a member forever. Well, almost. We hope that you enjoy the club and make many new friends. Last minute addition: Frank Rasmussen, N7EKD. SUPER!! See you all at the meeting.....

My wife works for the Internal Revenue Service and at times has to communicate with delinquent taxpayers. On one occasion she called Anchorage and was patched through to a ham operator in the Aleutian Islands.

Two hours later the ham operator raised the taxpayer's home base and from there reached him at sea with his fishing fleet. After my wife identified herself as being with the IRS in Utah, there was a long pause. Then over the static from somewhere in the North Pacific came: "Ha! Ha! Come and get me!"

UPGRADES

George Gale, WB7PPY just went to advanced class. Super deal George. Congratulations!
Been a long dry spell for upgrades. How come? Might be a good idea to check into our spring session of classes!!

CONGRATULATIONS

Bob Kuhn, the hard driving President and newsletter editor for the McMinnville ARC, has just been appointed as PIO,

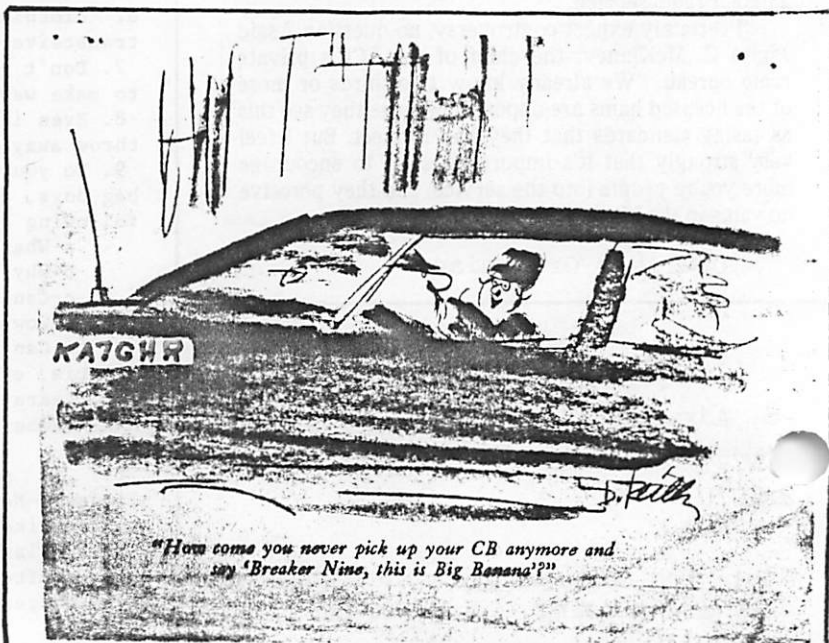
by the ARRL, for the State of Oregon. Well, ain't that neat, so you say. What the heck is a PIO? It is a newly created position which is in line with the new ARRL regimes method of improving our hobby. A PIO is a Public Information Officer and that person has the duty of making amateur radio a more well known entity as regard public service and emergency service. Public relations if you will! Bob has a real job at hand and if he is successful, all of us will benefit. Who knows, he might just be so effective that never again will somebody walk up and make the well known comment, regarding your handi-talkie, 'what kind of CB is that??' Good luck to you Bob. You have a toughie.... (Bobs call is KC7YN)

THANK YOU - THANK YOU - THANK YOU (hiss-boo)

A tip of the OTVARC hat to Terry Biggs, WB7CHK who recently took on the job of instruction in the art of putting together a double-duckie building project for over twenty interested and signed up club members. The 'class' was split into two nights because of a space problem at Willies, N7DZR, house. What happened? Well, Willie went out and bought a bunch of munchies, put on a big pot of coffee and had his basement shop all set up for the crowd. Eight people showed up!! Seems as though a communication problem became apparent. A combination board and committee chairmen meeting was called for the same evening and a number of those in attendance were scheduled for the 'Project Nite'. As this must be in print before the second session of our 'project nite' took place, all we can say is it is hoped that the many goodies were put in the freezer and that at least 14 members turned out for the second and last session of the double-duckie class and made Terry and Willie happy. MORAL? We need a WHOLE bunch more advance planning AND communication. I prefer FRESH pastry! How about you? Tnks CHK and DZR.....

OREGON STATE HAM CONVENTION

Do YOUR part and REGISTER EARLY.....



(MORSE HAMATEURS ANSWER---10 VOLTS)

**AMATEUR RADIO CLUB COOPERATES WITH CABLE FIRM TO ELIMINATE RFI**

Members of the Kokomo (Indiana) Amateur Radio Club have worked out an agreement with the Telecable Company of Kokomo (TCK) to assist the firm in tightening up its system to the point where it can use Cable Channel E for regular programming. Channel E, which falls in the middle of the amateur 2-meter band, is currently not used by TCK.

Since signal leakage must be located in order to eliminate interference either to or from amateur radio, the Kokomo Amateur Radio Club agreed to help locate and report radiation leaks to TCK. This not only gives the ham club an opportunity for "foxhunting" practice but also will allow them to monitor TCK's progress in tightening up their system. A single point of contact between the cable company and the Kokomo Amateur Radio Club has been set up to insure proper communication (and action) in both directions. Each group has their own spokesman to speak on their behalf.

Although the FCC allocates 144-148 MHz exclusively for amateur use, Part 76 of the rules permits cable TV companies to distribute TV signals through a closed system on most frequencies between 108 and 174 MHz. The video carrier of Channel E falls on 145.250 MHz. Questioned is whether or not present distribution technology can keep a cable system closed. Not only is interference to amateur radio a problem, but also to police, fire, ambulance, aviation and other necessary communication services.

While the Kokomo Amateur Radio Club said that they believe the arrangements made with TCK are "mutually satisfactory", they did express concern that high power amateur signals still might interfere with cable TV viewing. "This has yet to be demonstrated and will be monitored closely." We will keep you posted on their progress. In any event, it is a step in the right direction when a cable company works with a ham group to eliminate interference. W5YI

HONOR AMONG THIEVES?

Law-abiding amateurs deplore the antics of the few misfits among us who engage in jamming activities and commit other infractions on the air. Yet there has surfaced a contrary reluctance on the part of some to report to authorities the suspected identities of such wrongdoers.

The other day, for example, someone mentioned that persons responsible for staging a recent DXpedition hoax were known to them, but said they "would rather not identify the parties."

Who, in such a situation, is the more culpable?

Anyone ... anyone who deliberately misuses the amateur bands is playing fast and loose with the future of our great avocation. If Amateur Radio is to survive and prosper, it requires us to be prompt and resolute in reporting the rascals for merited disciplinary treatment.

The trend toward government deregulation requires that amateurs be increasingly alert and responsive to matters of misbehavior on the amateur bands. "The price of freedom is eternal vigilance"; for amateurs, it is the *freedom to operate* that is at stake, and we must take the necessary steps to preserve our hard-won reputation as respectors of the law. — Vic Clark, W4KFC

VIC CLARK ARRL PRESIDENT

Hello to N4BOS, W7ETR, K7LJ and AA6DX, our out of state members. PAID YOUR DUES???

Cable TV PROGRAM

We will have three engineers from Storer Cable TV Co. who will be giving us a pretty thorough lesson on the whys, hows and wherefores of cable TV operation. This program will cover three areas in depth. The first are of coverage will be on 'system configuration'. The second area covered will be on 'radiation tracking and monitoring' and the third will be a session on the FCC performance requirements. The program should be very interesting and as the group is going to open things up for question and answers, it is hoped that many of the members will come up with some good meaty material for our guests to sink their teeth into. This program has all the earmarks of a real winner! The Storer Co. has a video presentation on the history of their organization and at this time it is looking like that will be shown in the cafeteria during our break. Let's give our guests a great big OTVARC turnout and hearty welcome. Putting together a program of this nature certainly takes time and the way to show our appreciation is to turn out in good numbers.

SEE YOU ALL AT THE MEETING

MEMBER CO-OPERATION IS ASKED

Our club Secretary, Linda, N7CZY, is undertaking to update the club membership forms and as such, the new revised forms will be available at future club meetings. It is asked that you spend a few minutes and fill one out. You may have changed occupations, have a different phone number, decided that you would like to serve on a committee or perhaps have altered your ARRL status. There are more reasons but suffice it to say, please respond positively. Your co-operation is appreciated.....

LAST MINUTE THOUGHT: If you haven't turned in your Emergency Services form, won't you please do it now. You are not committing—just informing. THANKS! N7CRQ.....

OTVARC
P. O. BOX 5132
BEAVERTON, OR 97008

FIRST CLASS MAIL

FIRST CLASS MAIL

SHOW PEAK and HERMAN PEAK REPEATER GROUPS PRESENT

SALEM MINI-HAMFAIR

THE
FIRST
1983
NORTHWEST
HAMFAIR

SATURDAY, MARCH 26, 1983

LOCATION: POLK COUNTY FAIRGROUND
10 MILES WEST OF SALEM

HOURS: 10AM - 8PM

GRAND PRIZE:

\$750.00  ICOM

Gift Certificate

REGISTRATION: \$3.50

REGISTRATIONS POSTMARKED BY MARCH 5 WILL
RECEIVE OUR EARLY BIRD SPECIAL - DOUBLE
DRAWING TICKETS!
SEND S.A.S.E. IF YOU WISH TICKETS TO BE
CONFIRMED BY MAIL

SWAP TABLES: \$5.00 EA.

REPEATER GROUPS MAY QUALIFY FOR
SPECIAL RATES - CONTACT WA7OWM
SETUP at 8:00 AM

BUNNY HUNT - 11:30

DEALER DISPLAYS

SWAP & SHOP

SEMINARS

DOOR PRIZES

CONTESTS

SNACK BAR

TALK-IN ON 147.02/R
AND 148.82/S

YES! I'M COMING TO THE
1983 SALEM MINI-HAMFAIR!

ENCLOSED IS MY CHECK FOR:
() Registrations @ \$3.50

TOTAL AMOUNT _____

CALL _____

NAME _____

ADDRESS _____

CITY _____ STATE _____

PHONE _____

Mail by March 5, 1983 for
Early Bird Special!

Send to:
LYNN APPERSON, WA7OWM
1629 Georgia SE
Salem, Oregon 97302

"OTVARC"